

WEYMOUTH
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 33.06 | 45 | 136 | Male | 19.94 | 15 | 75 |
| Female | 13.75 | 14 | 102 | Female | 16.98 | 19 | 112 |
| Total | 46.81 | 59 | 126 | Total | 36.93 | 34 | 92 |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 10.92 | 17 | 156 | Male | 6.11 | 11 | 180 |
| Female | 10.07 | 10 | 99 | Female | 6.21 | 5 | 81 |
| Total | 20.99 | 27 | 129 | Total | 12.32 | 16 | 130 |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 2.13 | 3 | NC* | Male | 26.72 | 34 | 127 |
| Female | 215.80 | 230 | 107 | Female | 25.41 | 25 | 98 |
| Total | 217.93 | 233 | 107 | Total | 52.13 | 59 | 113 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 13.90 | 16 | 115 | Male | 21.50 | 28 | 130 |
| | | | | Female | 11.29 | 9 | 80 |
| | | | | Total | 32.78 | 37 | 113 |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 83.73 | 92 | 110 | Female | 25.98 | 28 | 108 |
| Female | 88.43 | 104 | 118 | | | | |
| Total | 172.16 | 196 | 114 | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 11.88 | 24 | 202 ~+ | Male | 12.58 | 14 | 111 |
| Female | 4.57 | 6 | 131 | Female | 14.57 | 10 | 69 |
| Total | 16.45 | 30 | 182 ~+ | Total | 27.15 | 24 | 88 |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 5.53 | 6 | 109 | Male | 203.18 | 232 | 114 |
| Female | 4.45 | 7 | 157 | | | | |
| Total | 9.98 | 13 | 130 | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 19.11 | 28 | 146 | Male | 14.22 | 12 | 84 |
| Female | 12.49 | 16 | 128 | Female | 9.50 | 10 | 105 |
| Total | 31.60 | 44 | 139 #+ | Total | 23.72 | 22 | 93 |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 11.57 | 12 | 104 | Male | 8.15 | 6 | 74 |

| | | | | | | | |
|---|--------|-----|--------|---|---------|------|--------|
| Female | 3.49 | 4 | NC* | | | | |
| Total | 15.07 | 16 | 106 | | | | |
| <u>Leukemia</u> | | | | <u>Thyroid</u> | | | |
| Male | 14.25 | 16 | 112 | Male | 4.10 | 3 | NC* |
| Female | 11.64 | 10 | 86 | Female | 11.20 | 11 | 98 |
| Total | 25.89 | 26 | 100 | Total | 15.30 | 14 | 91 |
| <u>Liver and Intrahepatic Bile Ducts</u> | | | | <u>Uteri, Corpus and Uterus, NOS</u> | | | |
| Male | 6.63 | 7 | 106 | | | | |
| Female | 3.02 | 3 | NC* | Female | 41.43 | 39 | 94 |
| Total | 9.65 | 10 | 104 | | | | |
| <u>Lung and Bronchus</u> | | | | <u>All Sites / Types</u> | | | |
| Male | 106.54 | 134 | 126 #+ | Male | 667.96 | 795 | 119 ^+ |
| Female | 87.80 | 127 | 145 ^+ | Female | 681.92 | 768 | 113 ~+ |
| Total | 194.34 | 261 | 134 ^+ | Total | 1349.88 | 1563 | 116 ^+ |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels